

Differential Equations 2009 vol.45 N9, pages 1370-1378

Methods for solving an integral equation of the third kind with fixed singularities in the kernel

Gabbasov N.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

We consider a linear integral equation of the third kind with fixed singularities in the kernel. For the approximate solution of this equation in the space of distributions, we suggest and justify a new generalized version of the collocation method. © Pleiades Publishing, Ltd., 2009.

<http://dx.doi.org/10.1134/S0012266109090122>
